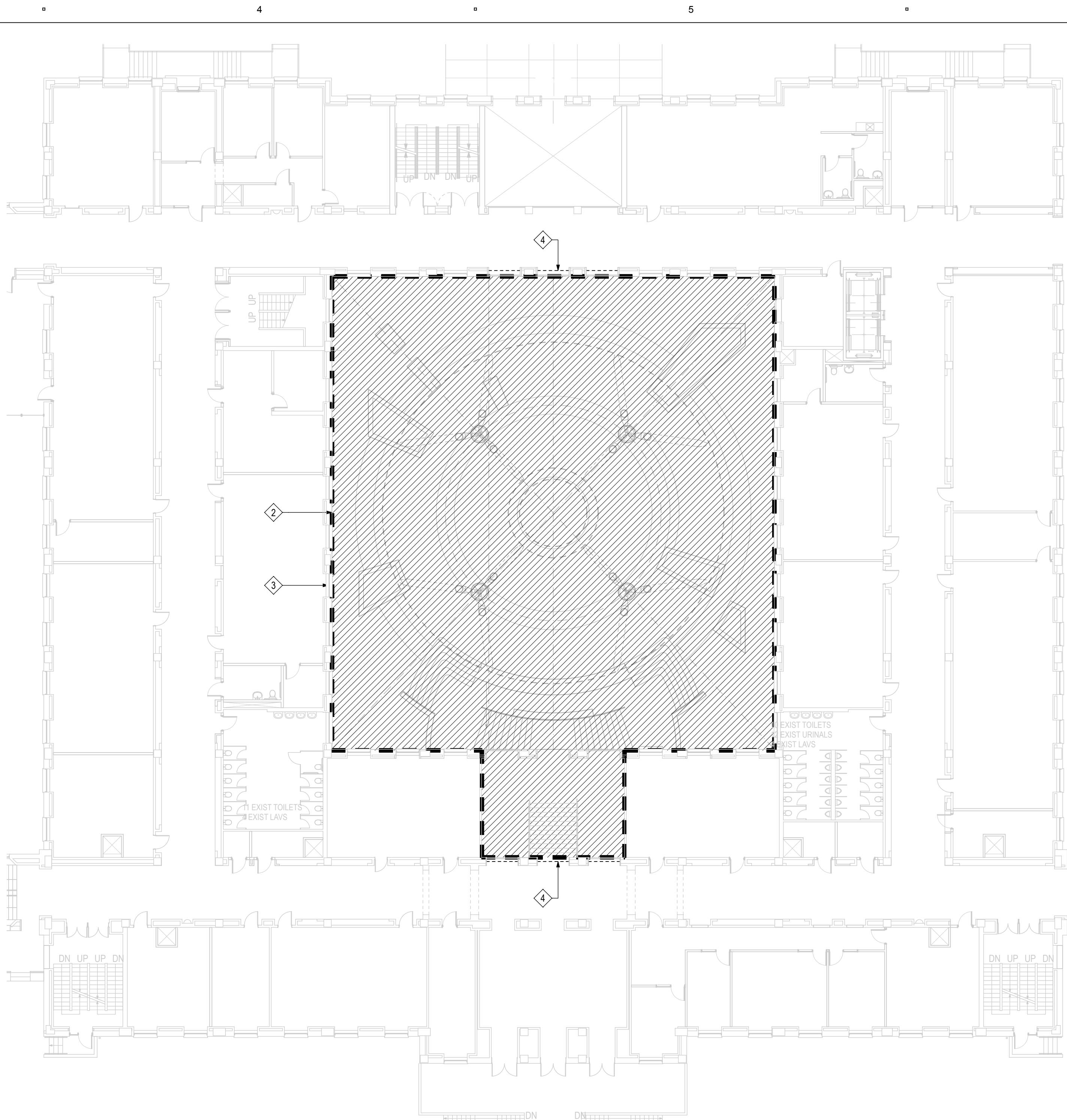
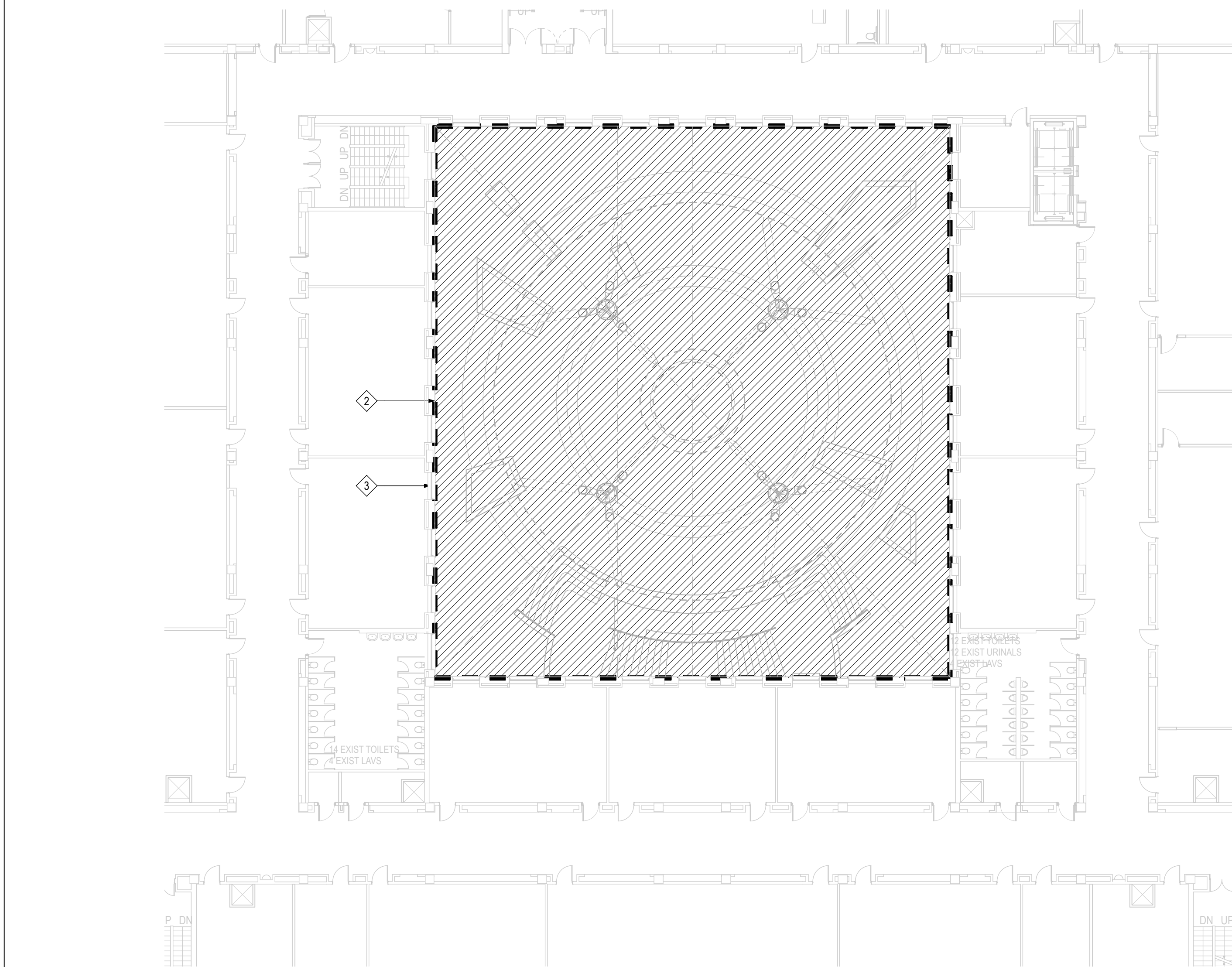


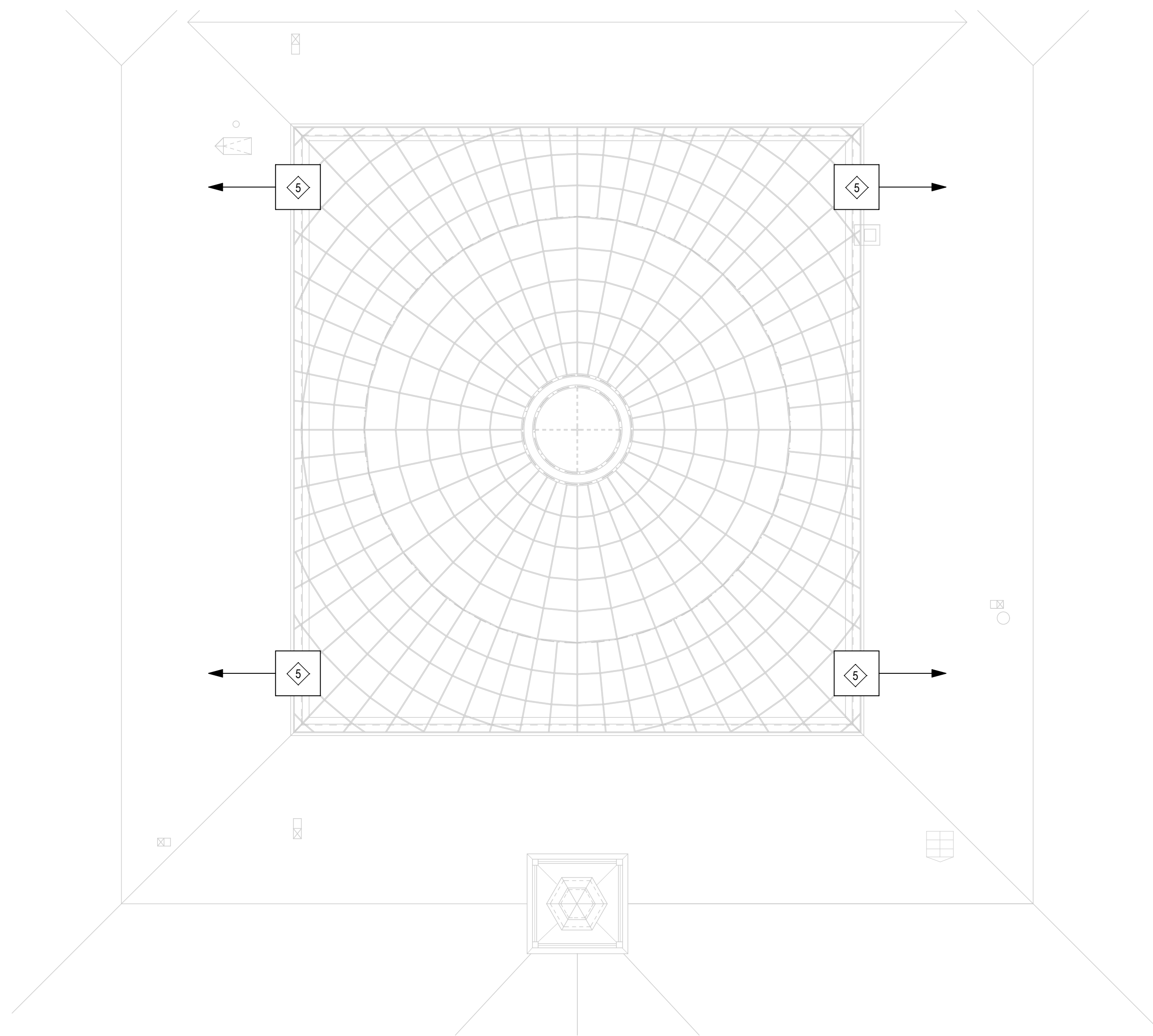
1 ATRIUM GROUND FLOOR PLAN  
SCALE: 1/16" = 1'-0"



2 ATRIUM FIRST FLOOR PLAN  
SCALE: 1/16" = 1'-0"



3 ATRIUM TYPICAL SECOND & THIRD FLOOR PLANS  
SCALE: 1/16" = 1'-0"



4 ATRIUM ROOF PLAN  
SCALE: 1/16" = 1'-0"

#### KEYED NOTES:

- DOORS TO BE INSTALLED WITH ACTUATORS TIED TO FIRE ALARM SYSTEM WHICH AUTOMATICALLY OPENS DOORS TO SUPPORT ATRIUM SMOKE CONTROL SYSTEM. EACH PAIR OF DOORS EQUALS APPROXIMATELY 48 GSF OF FREE AREA.
- MINIMUM 1-HOUR FIRE RATED BARRIER WALL CONSTRUCTION, TYPICAL FOR WALLS ADJOINING ATRIUM ENVIRONMENT.
- GLASS SMOKE PARTITION OR WINDOW WITH GASKETED FRAME AND AUTOMATIC FIRE SPRINKLERS INSTALLED PER BUILDING CODE IBC 404.5, TYPICAL.
- FIRE SHUTTERS TIED TO FIRE ALARM SYSTEM WHICH AUTOMATICALLY CLOSES OPENINGS TO SUPPORT ATRIUM SMOKE CONTROL SYSTEM, TYPICAL AT 3 OPENINGS.
- APPROXIMATE LOCATION OF AXIAL SMOKE CONTROL EXHAUST FANS MOUNTED IN SIDE WALLS OF ATRIUM GLASS ROOF CONSTRUCTION, TYPICAL OF 4 FANS.

#### PROPOSED SEQUENCE OF OPERATION REFERENCE MECHANICAL PLANS

#### LEGEND

- AREA OF ATRIUM ENVIRONMENT SERVED BY SMOKE CONTROL SYSTEM
- LINE OF MINIMUM 1-HOUR RATED WALL CONSTRUCTION

#### CLIENT



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#### REGISTRATION

MARK	DATE	DESCRIPTION
	09.25.2009	Schematic Design Submittal

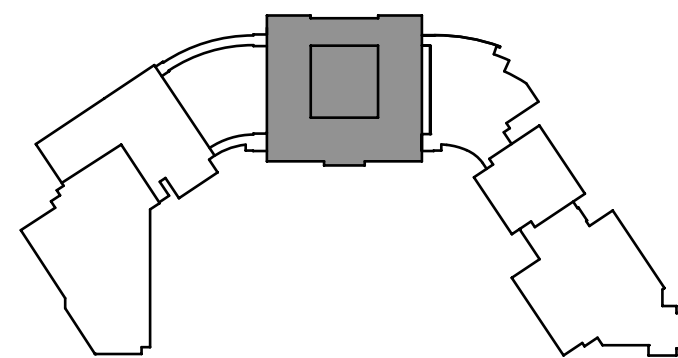
CGS PROJECT NO.: 2905

DRAWN BY:

CHECKED BY:

GRAPHIC SCALE:

#### KEY PLAN



#### SHEET TITLE

ATRIUM SMOKE EVACUATION  
SYSTEM DIAGRAMS

G1.04